- 2. THE PURPOSE OF THE EROSION AND SEDIMENT CONTROL MEASURES INCLUDED FOR THIS PROJECT IS TO LIMIT THE SEDIMENT POLLUTION IMPACT, OF ANY STORM WATER DISCHARGES THAT ORIGINATE ON THIS SITE OR OFF-SITE FLOWS THAT FLOW OVER THE DISTURBED AREAS. ON DOWNSTREAM AREAS.
- 3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SEDIMENT TRANSPORTED OFF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT. A COPY OF THE EROSION AND SEDIMENT CONTROL SCHEDULE BEING IMPLEMENTED BY THE CONTRACTOR WILL BE ON THE CONSTRUCTION SITE AT ALL TIMES.
- 4. TO THE MAXIMUM EXTENT POSSIBLE, ALL FLOWS ORIGINATING OFF THE CONSTRUCTION SITE WILL BE DIVERTED AROUND DISTURBED AREAS OR WILL BE CONVEYED THROUGH THE SITE IN A MANNER THAT UNTREATED ON-SITE RUNOFF DOES NOT MIX WITH THE OFF-SITE RUNOFF.
- ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE MEASURES THAT WILL MINIMIZE THE OFF-SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITY.
- 6. A MAXIMUM OF 10 ACRES MAY BE IN SOME STAGE OF GRADING/DISTURBANCE AT A SINGLE TIME. ADDITIONAL AREAS (UP TO 10 ACRES) MAY BE CLEARED BUT WILL NOT BE STRIPPED OF VEGETATION UNTIL THE GRADED/DISTURBED AREAS HAVE BEEN PROTECTED FROM EROSION THROUGH INSTALLATION OF EITHER TEMPORARY OR PERMANENT MEASURES (PERMANENT MEASURES BY OTHERS). WHENEVER POSSIBLE, THE GRADING WILL BE COMPLETED TO THE DESIGN GRADE AND THE PERMANENT VEGETATION PLAN (BY OTHERS) IMPLEMENTED PRIOR TO STARTING GRADING ACTIVITIES ON THE NEXT SITE.
- 7. DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION, THE AREA WILL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE PERMANENT MEASURES BY OTHERS). TEMPORARY STABILIZATION THROUGH USE OF GROUND COVER, MULCHING, TEMPORARY SEEDING, OR OTHER APPROVED MEASURES WILL BE INSTALLED WHENEVER SITE DEVELOPMENT WORK, GRADING OR OTHER EARTH DISTURBING ACTIVITIES CEASE TO BE CONTINUOUS FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. THE 7/14 DAY REQUIREMENT IS TAKEN TO MEAN THAT THE STABILIZATION OPERATION IS COMPLETE OR NEARING COMPLETION IN THE DEFINED TIME.
- 8. THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES AS RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL DISTURBED AREAS. THIS PERSON IS TO BE KNOWLEDGEABLE ABOUT INSTALLATION AND MAINTENANCE OF THE REQUIRED MEASURES. THIS EMPLOYEE IS TO HAVE THE AUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTIONS CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN GIVEN BY THE ENGINEER, ALL MEASURES WILL BE INSPECTED BY THIS INDIVIDUAL AND THE ENGINEER ON A REGULAR BASIS (AT LEAST ONCE EVERY 7 DAYS) AND AFTER RAINFALL EVENTS GREATER THAN 1/2 INCH.
- 9. INLET FILTERS ARE REQUIRED FOR THE STRUCTURES SHOWN ON THE PLANS. STRUCTURE OPENINGS VARY SUCH THAT FIELD MEASUREMENT AND/OR CONTRACTOR DESIGN WILL BE REQUIRED. COST OF DESIGN, LABOR AND MATERIALS WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR "INLET FILTERS".
- 10. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
- 11. THE RESIDENT ENGINEER SHALL HAVE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER.
- 12. SEE EROSION AND SEDIMENT CONTROL PLANS FOR PLACEMENT OF ALL EROSION AND SEDIMENT CONTROL PAY ITEMS.
- 13. AT THE DIRECTION OF THE ENGINEER, ANY SUITABLE EXISTING EROSION CONTROL DEVICES (SUCH AS PERIMETER EROSION BARRIER) THAT IS LEFT IN PLACE FROM A PREVIOUS (OR CONCURRENT) CONTRACT MAY BE UTILIZED IN LIEU OF THE EROSION CONTROL DEVICES AS SHOWN IN THE CONTRACT PLANS. IN THIS INSTANCE, THE QUANTITY FOR THE UNUSED EROSION CONTROL DEVICES SHALL BE DELETED FROM THE CONTRACT.

## ARCHAEOLOGICAL EXCAVATION PITS

- 1. THE CONTRACTOR SHALL BE ADVISED THAT ARCHAEOLOGICAL EXPLORATORY EXCAVATION MAY BE ONGOING WITHIN THE I-70 AND RELOCATED IL ROUTE 3 INTERCHANGE RIGHT OF WAY DURING THIS CONTRACT. SEE SHEET 48 FOR ADDITIONAL INFORMATION.
- 2. SOME VARIATIONS IN REMOVAL QUANTITIES AND FURNISHED EMBANKMENT QUANTITIES DUE TO ONGOING ADJACENT CONTRACT CONSTRUCTION AND/ OR ENVIRONMENTAL/ARCHAEOLOGICAL INVESTIGATION IS TO BE EXPECTED. ADJUSTMENTS FOR SUCH VARIATIONS SHALL BE MADE IN THE FIELD BY THE ENGINEER. ALL REMOVAL ITEMS THAT HAVE BEEN DISPLACED DUE TO ONGOING ADJACENT CONTRACT CONSTRUCTION AND/ OR ENVIRONMENTAL/ ARCHAEOLOGICAL INVESTIGATION, BUT REMAIN ON SITE, MUST BE REMOVED BY THE CONTRACTOR PER THE CONTRACT PLANS. QUANTITIES FOR REMOVAL ITEMS THAT NO LONGER REMAIN ON SITE SHALL BE SUBTRACTED FROM THE CONTRACT IN ACCORDANCE WITH ARTICLE 104.02.
- 3. ARCHAEOLOGICAL EXCAVATION PITS WHICH HAVE BEEN PREVIOUSLY EXCAVATED AND BACKFILLED BY OTHERS MAY BE PRESENT WITHIN THE CONTRACT LIMITS. ANY SUCH ARCHAEOLOGICAL EXCAVATION PIT AREAS WHICH LIE UNDER FUTURE ROADWAY EMBANKMENT WILL BE IDENTIFIED BY THE ENGINEER FOR RE-EXCAVATION AND RE-COMPACTION PER THE SPECIAL PROVISION FOR "EARTH EXCAVATION (SPECIAL)". UNUSED QUANTITY OF EARTH EXCAVATION (SPECIAL) SHALL BE SUBTRACTED FROM THE CONTRACT IN ACCORDANCE WITH 104.02.

## COMMITMENTS

- ANY WATER WELLS FOUND DURING CONSTRUCTION WILL BE SEALED ACCORDING TO IEPA TO PREVENT GROUNDWATER POLLUTION FROM CONSTRUCTION AND FROM FUTURE ROADWAY MAINTENANCE.
- THE TREE REMOVALS WILL BE MITIGATED IN A FUTURE CONTRACT AS PART OF THE IDOT TREE REPLACEMENT PROGRAM UNDER DEPARTMENT POLICY D & E-18.
- 3. IF ASH TREES ARE REMOVED ON THE PROJECT, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH MEASURES SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER. THE IDOA INFORMATION FOR ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT: www.AGR.STATE.IL.US/EAB.
- 4. ACCESS TO THE MESD AND POLARVILLE FACILITIES SHALL BE MAINTAINED BY THE CONTRACTOR. IN ADDITION, THE CONTRACTOR SHALL GIVE TWO WEEKS NOTICE TO MESD PRIOR TO CONSTRUCTION ALONG LANDSDOWNE ST. AND TWO WEEKS NOTICE TO POLARVILLE PRIOR TO CONSTRUCTION ALONG PACKERS AVE. AND EXCHANGE AVE.

## MIX DESIGN CHARTS

FULL DEPTH WIDENING = 2" SURFACE, 13.75" BINDER				
SURFACE	BINDER/WIDENING			
PG 64-22	PG 64-22			
SEE SPEC.	SEE SPEC.			
4.0% @ NDES=70	4.0% @ NDES=90			
	POLYMERIZED			
IL 12.5/9.5	IL 19.0 FG			
MIXTURE "D"				
SHOULDERS = HOT-MIX-ASPHALT SHOULDERS, 8"				
SHOULDERS > 2.25"	SHOULDERS < 2.25"			
PG 64-22	PG 64-22			
SEE RAP SPEC.	SEE RAP SPEC.			
••2.0% @ NDES=30	••2.0% @ NDES=30			
NMAS 3/4"	NMAS 1/2"			
	SURFACE PG 64-22 SEE SPEC. 4.0% @ NDES=70  IL 12.5/9.5 MIXTURE "D"  HOT-MIX-ASPHALT SHOU SHOULDERS > 2.25" PG 64-22 SEE RAP SPEC. ••2.0% @ NDES=30			

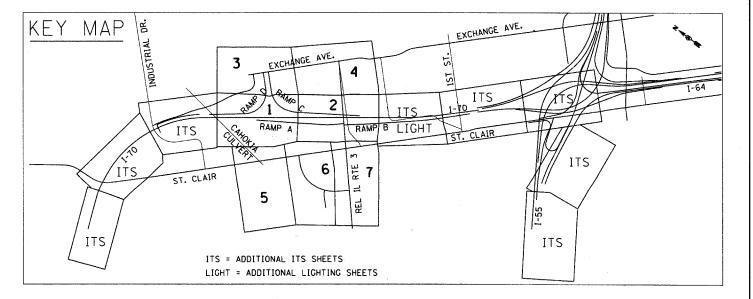
MIXTURE USE	TEMPORARY PAVEMENT	PAVEMENT	
	SURFACE COURSE, 2"	BINDER COURSE, 6"	
AC/PG	PG 64-22	PG 64-22	
RAP % (MAX)	SEE RAP SPEC.	SEE RAP SPEC.	
DESIGN AIR VOIDS			
MIX COMPOSITION	4.0% @ NDES=50	4.0% @ NDES=50	
(GRADATION MIXTURE)	IL 9.5	IL 19.0	
FRICTION AGG	MIXTURE "D"		

SCALE: N.T.S.

MIXTURE USE	STABILIZED SUBBASE - HMA 4"		
AC/PG	PG 64-22		
RAP % (MAX)	SEE SPEC.		
DESIGN AIR VOIDS	2.0% @ NDES=30		
MIX COMPOSITION			
(GRADATION MIXTURE)	BAM		
FRICTION AGG			
MIXTURE USE	HOT-MIX ASPHALT DRIVEWAYS		
	SURFACE COURSE, 2"	BINDER COURSE, 8"	
AC/PG	PG 64-22	PG 64-22	
RAP % (MAX)	SEE RAP SPEC.	SEE RAP SPEC.	
DESIGN AIR VOIDS			
MIX COMPOSITION	4.0% @ NDES=70	4.0% @ NDES=70	
(GRADATION MIXTURE)	IL 12.5/9.5	IL 19.0 FG	
FRICTION AGG	MIXTURE "D"		

## NOTES.

- 1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- •• TOP LIFT SHOULDERS DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.



TILE NAME = USER NAME = \$USER\$ DESIGNED - JB REVISED 
DRAWN - JFS REVISED 
PLOT SCALE = \$SCALE\$ CHECKED - JB REVISED 
PLOT SCALE = \$SCALE\$ CHECKED - JB REVISED 
PLOT DATE = \$DATE - 10/21/11 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PROPOSED RELOCATED IL ROUTE 3 INTERCHANGE

 GENERAL NOTES CONTINUED
 RTE.
 SECTION

 998
 82-2

A.P. SECTION COUNTY TOTAL SHEET NO. 198 82-2-1K ST. CLAIR 353 3 CONTRACT NO. 76E06